

SEQUENCE LISTING

<110> Fluehmann, Beat
Heim, Manuel
Hunziker, Willi
Weber, Peter

<120> PHYTANIC ACID DERIVATIVE COMPOSITIONS AND METHOD OF TREATING
AND/OR PREVENTING DIABETES MELLITUS

<130> 20722 US/Mez (C038435/0119491)

<140> 09/915,152
<141> 2001-07-25

<150> EPO 00116848.3
<151> 2000-08-04

<160> 45

<170> PatentIn version 3.2

<210> 1
<211> 23
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of GLUT-1.

<400> 1
ggttcatcat cagcatggag ttc

23

<210> 2
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of GLUT-1.

<400> 2
gggcatgatt gtttccttct c

21

<210> 3
<211> 27
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of GLUT-1.

<400> 3
cctgccaaag cgattaacaa agaggcc

27

<210> 4
<211> 20
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of GLUT-2.

<400> 4
cgccctctgc ttccagtaca

20

<210> 5
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of GLUT-2.

<400> 5
aggaccaccc cagcaaaaa

19

<210> 6
<211> 24
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of GLUT-2.

<400> 6
cggacttcct cgggccttac gtgt

24

<210> 7
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of glucokinase.

<400> 7
cgtggatggc tccgtgtac

19

<210> 8
<211> 18
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of

glucokinase.

<400> 8
tgtcagcctg cgcacact

18

<210> 9
<211> 24
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of glucokinase.

<400> 9
agctgcaccc gagttcaag gaga

24

<210> 10
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of PEPCK.

<400> 10
cgctggatgt cagaagagga c

21

<210> 11
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of PEPCK.

<400> 11
acatggtgcg gcctttcat

19

<210> 12
<211> 24
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of PEPCK.

<400> 12
aaagcattca acgccagggtt cccg

24

<210> 13
<211> 21

<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of ApoA1.

<400> 13
gccactgtgt atgtggatgc a

21

<210> 14
<211> 20
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of ApoA1.

<400> 14
ttgccccaaag tggaggattc

20

<210> 15
<211> 29
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of ApoA1.

<400> 15
acagcggcag agactatgtg tcccaagttt

29

<210> 16
<211> 20
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of ApoE.

<400> 16
ggtccaggaa gagctgcaga

20

<210> 17
<211> 22
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of ApoE.

<400> 17
ccgtcatagt gtcctccatc ag

22

<210> 18
<211> 27
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of ApoE.

<400> 18
ctcccaagtc acacaggaac tgacggt

27

<210> 19
<211> 30
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of Cyp7a.

<400> 19
gactggaaaa aatttcatta cactacttct

30

<210> 20
<211> 22
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of Cyp7a.

<400> 20
cgtggatttt ccatcatttg gg

22

<210> 21
<211> 27
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of Cyp7a.

<400> 21
cgaaggcatt tggacacaga agcattg

27

<210> 22
<211> 20
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of Cyp4a1.

<400> 22
gcagttccca tcacccctccct 20

<210> 23
<211> 25
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of Cyp4a1.

<400> 23
tgctgttagtt ctttgtcacc ttgaa 25

<210> 24
<211> 24
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of Cyp4a1.

<400> 24
ccactgggttc tttgggcaca agca 24

<210> 25
<211> 20
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of HMG-CoA reductase.

<400> 25
tggctggta gttgtccttg 20

<210> 26
<211> 26
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of HMG-CoA reductase.

<400> 26
ttatctttga tctgttgtga accatcg 26

<210> 27
<211> 23
<212> DNA

<213> Artificial
<220>
<223> Synthetic oligonucleotide used for the amplification of HMG-CoA reductase.

<400> 27
atgtcctgct gccaatgctg cca

23

<210> 28
<211> 17
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of LCAT.

<400> 28
catgcggatc ctggcct

17

<210> 29
<211> 25
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of LCAT.

<400> 29
tctctcagct ttatgttggaa catga

25

<210> 30
<211> 22
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of LCAT.

<400> 30
aggtaacaac cagggcatcc cg

22

<210> 31
<211> 17
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of LDLR.

<400> 31
ggtgttcagc agcccct

17

<210> 32
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of LDLR.

<400> 32
cagctgcgat ggatacac tc a

21

<210> 33
<211> 27
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of LDLR.

<400> 33
cctcccttcga gttccactgt ggcagta

27

<210> 34
<211> 23
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of LFABP.

<400> 34
caagggtgatc cacaatgagt tca

23

<210> 35
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of LFABP.

<400> 35
gaccttttcc ccagtcatgg t

21

<210> 36
<211> 24
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of LFABP.

<400> 36
tgggggagga gtgcgaactg gaga 24

<210> 37
<211> 16
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of LPL.

<400> 37
tcggggccag caactt 16

<210> 38
<211> 19
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of LPL.

<400> 38
ggccacatca tttcccacc 19

<210> 39
<211> 26
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of LPL.

<400> 39
tccagtgtct gccggctata ccaagc 26

<210> 40
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of TNFalpha.

<400> 40
tcgttaggtca aaccaccaag c 21

<210> 41
<211> 18
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of TNFalpha.
<400> 41
tattggccag gagggcgt

18

<210> 42
<211> 26
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of TNFalpha.
<400> 42
aggagcagct ggagtggctg agccag

26

<210> 43
<211> 24
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of Beta-actin.

<400> 43
gacaggatgc agaggagatt actg

24

<210> 44
<211> 23
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of Beta-actin.

<400> 44
ccaccgatcc acacagagta ctt

23

<210> 45
<211> 26
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide used for the amplification of Beta-actin.

<400> 45
tcaagatcat tgtcctcct gagcgc

26